



TSP Three, Inc.
600 Kansas City Street
Rapid City, SD 57701
phone: (605) 343-6102
fax: (605) 343-7159
www.teamsp.com

Architecture
Engineering
Planning

CONSULTANTS:



PROJECT TITLE:
PENNINGTON COUNTY HOUSING AND REDEVELOPMENT COMMISSION

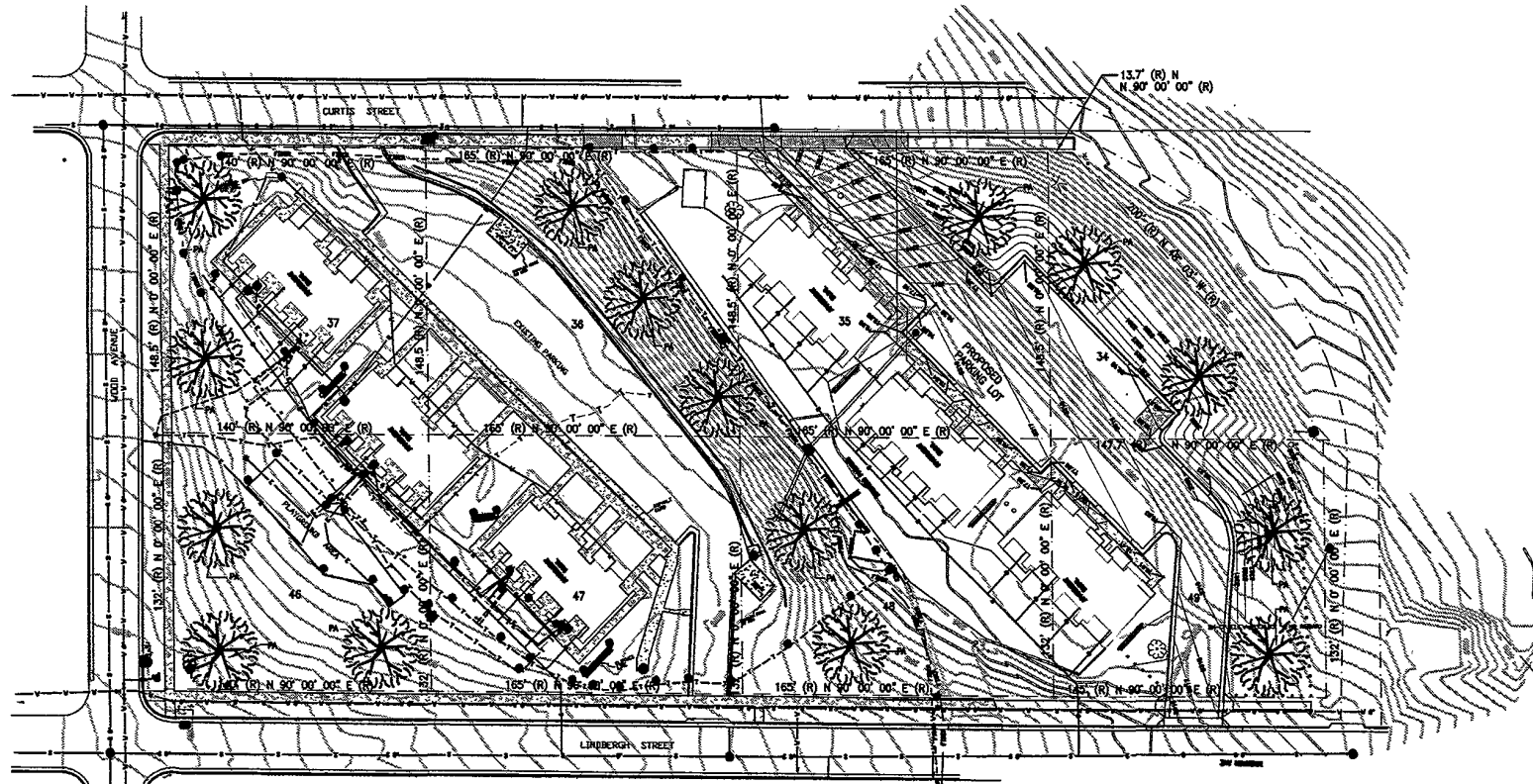
PARKING LOT & LANDSCAPING

CURTIS STREET APARTMENTS
Rapid City, South Dakota

MARK	DATE	DESCRIPTION

PROJECT NUMBER	0120
S&D FILE	CL200
DRAWN BY:	DC
CHECKED BY:	DC
DATE	10/10

OVERALL SITE AND TREE PLANTING PLAN
C1



LOTS 34, 35, 36, 37, 46, 47, 48, & 49 OF THE AIRPORT ADDITION TO RAPID CITY, NW 1/4 OF THE SE 1/4 OF SECTION 25, T2N, R7E OF THE B.H.M.

TREES AND TREE PLANTING

- SPECIES AND MEASUREMENT**
 - Provide quality, size, genus, species, and variety of exterior plants indicated, complying with applicable requirements in ANSI Z601.1, American Standard for Nursery Stock.
 - Tree and Shrub Measurements: Measure according to ANSI Z601.1 with branches and limbs or stems in their normal position. Do not prune to obtain required sizes. Tape caliper measurements 4 inches above ground for trees up to 4-inch caliper size. Measure main body of tree or shrub for height and spread; do not measure branches or roots for size.
- TREE AND SHRUB DIMENSION**
 - Pits and Trenches: Excavate circular pits with sides sloped inward. Tilt base leaving outer area raised slightly to support root ball and avoid its drainage. Square sides of plant pit and bottom extend to a depth of 6 inches.
 - Excavate three times as wide as ball diameter for balled and burlapped stock.
 - Subsoil removed from excavations may be used on landfill for tree excavation.
 - Obstructions: Notify Engineer if unspaced rock or obstructions determined to trees are encountered in excavation.
 - Horizon Layer: Drill 8-inch diameter holes into hole draining strata or to a depth of 10 feet, whichever is less, and backfill with flow-draining material.
 - Drainage: Notify Engineer if natural conditions entrance water seepage or retention in low site. Perform protection bed.
 - Fill excavations with water and allow to percolate away before backfilling trees.

- IRIG PLANTING**
 - Set balled and burlapped stock placed in center of pit or trench with top of root ball adjacent with finished grade.
 - Remove burlap and wire bundles from tops of root balls and partially from sides but do not remove from under root balls. Remove padding. If any burlap remains, do not use planting stock if root ball is crushed or broken before or during planting operation.
 - Place planting soil mix around root ball layers, tamping to settle mix and eliminate voids and air pockets. When pit is approximately one-half backfilled, water thoroughly before placing shade transmitter of burlap. Repeat watering until no more water is absorbed. Water again after placing and tamping final layer of planting soil mix.
 - Shading: Apply 4" thickness of organic mulch. Do not place mulch within 6 inches of tree trunk or within the drip line of perimeter.
- CARING AND STAKING**
 - Upright Staking and Tying: Stake trees of 2-inch and greater caliper. Use stakes of length required to penetrate at least 18 inches below bottom of backfilled excavation and to extend at least 16 inches above grade, but without stakes and wires to extend penetrating root balls or root systems. Support trees with two strands of 16 wire attached to upper or radial string at contact points with two strands along support stake to avoid rigid restraint of tree. Use the number of stakes as follows:
 - Use 2 stakes for trees up to 12 feet high and 2-1/2 inches or less in caliper. Space stakes equally around tree.

PLANT LIST

PLANT	SIZE	CULTIVAR NAME	SYMBOL	QTY	COMMENTS

Note: Tree locations shown are approximate. Contractor shall plant trees in locations to avoid existing and new irrigation systems. As-constructed plans for the existing irrigation system in the nearby lots are available from the Pennington County Housing Authority.

LANDSCAPE POINTS CALCULATION

Lot Size	162,973 S.F.
Grassland Building Area	142,508 S.F.
Public Roadway	148,307 S.F.
Existing Land Area	113,228 S.F. ± 2.00 points/S.F. = 112,300 points
Existing Land Area	± 2.00 points/tree = 6,000 points
New Land Area	15 trees ± 2,000 points/tree = 30,000 points
Points Proposed	148,300 points

OVERALL SITE AND TREE PLANTING PLAN
Scale: 1" = 37'-0"

